

PUBLICATIONS

(<http://www.ncbi.nlm.nih.gov/pubmed?term=al-jenoobi>)

1: Al-Majed A, Bakheit AH, Abdel Aziz HA, Alharbi H, Al-Jenoobi FI. Pioglitazone. Profiles Drug Subst Excip Relat Methodol. 2016;41:379-438. doi: 10.1016/bs.podrm.2015.11.002. Epub 2016 Feb 2. PubMed PMID: 26940171.

2: Raish M, Ahmad A, Alkharfy KM, Al-Jenoobi FI, Al-Mohizea AM, Mohsin K, Ahamad SR, Ali N, Shakeel F. Antioxidant Potential and In Situ Analysis of Major and Trace Element Determination of Ood-saleeb, a Known Unani Herbal Medicine by ICP-MS. Biol Trace Elem Res. 2016 Jan 13. [Epub ahead of print] PubMed PMID: 26758866.

3: Ahad A, Al-Jenoobi FI, Al-Mohizea AM, Akhtar N, Raish M, Aqil M. Systemic delivery of β -blockers via transdermal route for hypertension. Saudi Pharm J. 2015 Nov;23(6):587-602. doi: 10.1016/j.jsps.2013.12.019. Epub 2014 Jan 3. Review. PubMed PMID: 26702253; PubMed Central PMCID: PMC4669430.

4: Al-Mohizea AM, Raish M, Ahad A, Al-Jenoobi FI, Alam MA. Pharmacokinetic interaction of Acacia catechu with CYP1A substrate theophylline in rabbits. J Tradit Chin Med. 2015 Oct;35(5):588-93. PubMed PMID: 26591691.

5: Ahmad A, Khan RM, Alkharfy KM, Raish M, Al-Jenoobi FI, Al-Mohizea AM. Effects of Thymoquinone on the Pharmacokinetics and Pharmacodynamics of Glibenclamide in a Rat Model. Nat Prod Commun. 2015 Aug;10(8):1395-8. PubMed PMID: 26434126.

6: Al-Jenoobi FI, Alam MA, Al-Mohizea AM, Ahad A, Raish M. Orally co-administrated oleo-gum resin of Commiphora myrrha decreases the bioavailability of cyclosporine A in rats. Pharmazie. 2015 Aug;70(8):549-52. PubMed PMID: 26380525.

7: Al-Jenoobi FI, Al-Thukair AA, Alam MA, Abbas FA, Al-Mohizea AM, Alkharfy KM, Al-Suwayeh SA. Effect of Trigonella foenum-graecum L. on Metabolic Activity of CYP2D6 and CYP3A4. Forsch Komplementmed. 2015;22(3):180-4. doi: 10.1159/000432412. Epub 2015 Jun 22. PubMed PMID: 26335391.

8: Alam MA, Al-Jenoobi FI, Al-Mohizea AM, Ali R. Effervescence Assisted Fusion Technique to Enhance the Solubility of Drugs. AAPS PharmSciTech. 2015 Dec;16(6):1487-94. doi: 10.1208/s12249-015-0381-2. Epub 2015 Aug 12. PubMed PMID: 26265190; PubMed Central PMCID: PMC4666246.

9: Al-Jenoobi FI, Ahad A, Mahrous GM, Raish M, Alam MA, Al-Mohizea AM. A Simple HPLC-UV Method for the Quantification of Theophylline in Rabbit Plasma and its Pharmacokinetic Application. J Chromatogr Sci. 2015 Nov;53(10):1765-70. doi: 10.1093/chromsci/bmv094. Epub 2015 Jul 19. PubMed PMID: 26194842.

- 10: Ahad A, Al-Saleh AA, Akhtar N, Al-Mohizea AM, Al-Jenoobi FI. Transdermal delivery of antidiabetic drugs: formulation and delivery strategies. *Drug Discov Today*. 2015 Oct;20(10):1217-27. doi: 10.1016/j.drudis.2015.06.002. Epub 2015 Jun 19. Review. PubMed PMID: 26100737.
- 11: Al-Jenoobi FI, Korashy HM, Ahad A, Raish M, Al-Mohizea AM, Alam MA, Al-Suwayeh SA, Alkharfy KM. Potential inhibitory effect of herbal medicines on rat hepatic cytochrome P450 2D gene expression and metabolic activity. *Pharmazie*. 2014 Nov;69(11):799-803. PubMed PMID: 25985573.
- 12: Ahmad A, Raish M, Ganaie MA, Ahmad SR, Mohsin K, Al-Jenoobi FI, Al-Mohizea AM, Alkharfy KM. Hepatoprotective effect of *Commiphora myrrha* against d-GalN/LPS-induced hepatic injury in a rat model through attenuation of pro inflammatory cytokines and related genes. *Pharm Biol*. 2015;53(12):1759-67. doi: 10.3109/13880209.2015.1005754. Epub 2015 Apr 13. PubMed PMID: 25864920.
- 13: Al-Mohizea AM, Al-Jenoobi FI, Alam MA. Rhodamine-123: a p-glycoprotein marker complex with sodium lauryl sulfate. *Pak J Pharm Sci*. 2015 Mar;28(2):617-22. PubMed PMID: 25730814.
- 14: Al-Jenoobi FI, Al-Thukair AA, Alam MA, Abbas FA, Al-Mohizea AM, Alkharfy KM, Al-Suwayeh SA. Modulation of CYP2D6 and CYP3A4 metabolic activities by *Ferula asafetida* resin. *Saudi Pharm J*. 2014 Dec;22(6):564-9. doi: 10.1016/j.jsps.2014.03.004. Epub 2014 Apr 3. PubMed PMID: 25561870; PubMed Central PMCID: PMC4281599.
- 15: Al-Jenoobi FI, Ahad A, Mahrous GM, Al-Mohizea AM, Alkharfy KM, Al-Suwayeh SA. Effects of fenugreek, garden cress, and black seed on theophylline pharmacokinetics in beagle dogs. *Pharm Biol*. 2015 Feb;53(2):296-300. doi: 10.3109/13880209.2014.916312. Epub 2014 Sep 22. PubMed PMID: 25243874.
- 16: Alam MA, Al-Jenoobi FI, Al-Mohizea AM, Ali R. Understanding and managing oral bioavailability: physiological concepts and patents. *Recent Pat Anticancer Drug Discov*. 2015;10(1):87-96. Review. PubMed PMID: 25230073.
- 17: Korashy HM, Al-Jenoobi FI, Raish M, Ahad A, Al-Mohizea AM, Alam MA, Alkharfy KM, Al-Suwayeh SA. Impact of Herbal Medicines like *Nigella sativa*, *Trigonella foenum-graecum*, and *Ferula asafetida*, on Cytochrome P450 2C11 Gene Expression in Rat Liver. *Drug Res (Stuttg)*. 2015 Jul;65(7):366-72. doi: 10.1055/s-0034-1384604. Epub 2014 Aug 6. PubMed PMID: 25099385.
- 18: Ahad A, Al-Mohizea AM, Al-Jenoobi FI, Aqil M. Transdermal delivery of angiotensin II receptor blockers (ARBs), angiotensin-converting enzyme inhibitors (ACEIs) and others for management of hypertension. *Drug Deliv*. 2016 Feb;23(2):579-90. doi: 10.3109/10717544.2014.942444. Epub 2014 Jul 28. PubMed PMID: 25065883.

- 19: Al-Jenoobi FI, Ahad A, Raish M, Al-Mohizea AM, Alam MA. Investigating the Potential Effect of *Commiphora myrrha* on the Pharmacokinetics of Theophylline, a Narrow Therapeutic Index Drug. *Drug Res (Stuttg)*. 2015 Jun;65(6):312-6. doi: 10.1055/s-0034-1382032. Epub 2014 Jul 3. PubMed PMID: 24992495.
- 20: Al-Mohizea AM, Ahad A, El-Maghraby GM, Al-Jenoobi FI, Alkharfy KM, Al-Suwayeh SA. Effects of *Nigella sativa*, *Lepidium sativum* and *Trigonella foenum-graecum* on sildenafil disposition in beagle dogs. *Eur J Drug Metab Pharmacokinet*. 2015 Jun;40(2):219-24. doi: 10.1007/s13318-014-0199-4. Epub 2014 Apr 11. PubMed PMID: 24719213.
- 21: Al-Jenoobi FI, Al-Thukair AA, Alam MA, Abbas FA, Al-Mohizea AM, Alkharfy KM, Al-Suwayeh SA. Effect of Garden Cress Seeds Powder and Its Alcoholic Extract on the Metabolic Activity of CYP2D6 and CYP3A4. *Evid Based Complement Alternat Med*. 2014;2014:634592. doi: 10.1155/2014/634592. Epub 2014 Mar 10. PubMed PMID: 24711855; PubMed Central PMCID: PMC3966352.
- 22: Alam MA, Al-Jenoobi FI, Al-Mohizea AM. High-throughput ultra-performance LC-MS-MS method for analysis of diclofenac sodium in rabbit plasma. *J Chromatogr Sci*. 2015 Jan;53(1):47-53. doi: 10.1093/chromsci/bmu011. Epub 2014 Mar 24. PubMed PMID: 24668042.
- 23: Ahad A, Raish M, Al-Mohizea AM, Al-Jenoobi FI, Alam MA. Enhanced anti-inflammatory activity of carbopol loaded meloxicam nanoethosomes gel. *Int J Biol Macromol*. 2014 Jun;67:99-104. doi: 10.1016/j.ijbiomac.2014.03.011. Epub 2014 Mar 19. PubMed PMID: 24657163.
- 24: Al-Jenoobi FI, Al-Thukair AA, Alam MA, Abbas FA, Al-Mohizea AM, Alkharfy KM, Al-Suwayeh SA. Effect of *Curcuma longa* on CYP2D6- and CYP3A4-mediated metabolism of dextromethorphan in human liver microsomes and healthy human subjects. *Eur J Drug Metab Pharmacokinet*. 2015 Mar;40(1):61-6. doi: 10.1007/s13318-014-0180-2. Epub 2014 Feb 9. PubMed PMID: 24510399.
- 25: Al-Dosari MS, Al-Jenoobi FI, Alkharfy KM, Alghamdi AM, Bagulb KM, Parvez MK, Al-Mohizea AM, Al-Muhsen S, Halwani R. High prevalence of CYP2D6*41 (G2988A) allele in Saudi Arabians. *Environ Toxicol Pharmacol*. 2013 Nov;36(3):1063-7. doi: 10.1016/j.etap.2013.09.008. Epub 2013 Sep 21. PubMed PMID: 24121619.
- 26: Alkharfy KM, Alghamdi AM, Bagulb KM, Al-Jenoobi FI, Al-Mohizea AM, Al-Muhsen S, Halwani R, Parvez MK, Al-Dosari MS. Distribution of selected gene polymorphisms of UGT1A1 in a Saudi population. *Arch Med Sci*. 2013 Aug 30;9(4):731-8. doi: 10.5114/aoms.2013.37012. Epub 2013 Aug 20. PubMed PMID: 24049537; PubMed Central PMCID: PMC3776187.
- 27: Al-Jenoobi FI, Alam MA, Alkharfy KM, Al-Suwayeh SA, Korashy HM, Al-Mohizea AM, Iqbal M, Ahad A, Raish M. Pharmacokinetic interaction studies of fenugreek with

CYP3A substrates cyclosporine and carbamazepine. *Eur J Drug Metab Pharmacokinet.* 2014 Jun;39(2):147-53. PubMed PMID: 24022709.

28: Al-Jenoobi FI, Al-Suwayeh SA, Muzaffar I, Alam MA, Al-Kharfy KM, Korashy HM, Al-Mohizea AM, Ahad A, Raish M. Effects of *Nigella sativa* and *Lepidium sativum* on cyclosporine pharmacokinetics. *Biomed Res Int.* 2013;2013:953520. doi: 10.1155/2013/953520. Epub 2013 Jul 16. PubMed PMID: 23957013; PubMed Central PMCID: PMC3730136.

29: Alkharfy KM, Al-Jenoobi FI, Alam MA, Al-Mohizea AM, Al-Suwayeh SA, Korashy HM, Khan RM, Muzaffar I. *Lepidium sativum* but not *Nigella sativa* affects carbamazepine disposition in an animal model. *Drug Metab Lett.* 2013 Mar;7(1):47-51. PubMed PMID: 23952676.

30: Alam MA, Al-Jenoobi FI, Al-Mohizea AM. Commercially bioavailable proprietary technologies and their marketed products. *Drug Discov Today.* 2013 Oct;18 (19-20):936-49. doi: 10.1016/j.drudis.2013.05.007. Epub 2013 May 23. Review. PubMed PMID: 23707660.

31: Al-Dosari MS, Alkharfy KM, Alghamdi AM, Al-Mohizea AM, Al-Jenoobi FI, Al-Muhsen S, Halwani R, Parvez MK. Genetic variability of PXR in Saudi Arabians. *Biochem Genet.* 2013 Aug;51(7-8):575-87. doi: 10.1007/s10528-013-9588-7. Epub 2013 Apr 12. Erratum in: *Biochem Genet.* 2014 Feb;52(1-2):125. Khalid Parvez, M [corrected to Parvez, M Khalid. PubMed PMID: 23576071.

32: Ahad A, Al-Jenoobi FI, Al-Mohizea AM, Aqil M, Kohli K. Transdermal delivery of calcium channel blockers for hypertension. *Expert Opin Drug Deliv.* 2013 Aug;10(8):1137-53. doi: 10.1517/17425247.2013.783562. Epub 2013 Mar 26. Review. PubMed PMID: 23527660.

33: Alkharfy KM, Al-Jenoobi FI, Al-Mohizea AM, Al-Suwayeh SA, Khan RM, Ahmad A. Effects of *Lepidium sativum*, *Nigella sativa* and *Trigonella foenum-graceum* on phenytoin pharmacokinetics in beagle dogs. *Phytother Res.* 2013 Dec;27(12):1800-4. doi: 10.1002/ptr.4947. Epub 2013 Feb 11. PubMed PMID: 23401262.

34: Al-Mohizea AM, Alkharfy KM, Bagulb KM, Alghamdi AM, Al-Jenoobi FI, Al-Muhsen S, Halwani R, Parvez MK, Al-Dosari MS. Genetic variability and haplotype profile of MDR1 in Saudi Arabian males. *Mol Biol Rep.* 2012 Dec;39(12):10293-301. doi: 10.1007/s11033-012-1906-3. Epub 2012 Oct 7. Erratum in: *Mol Biol Rep.* 2013 Jan;40(1):733. Khalid Parvez, M [corrected to Parvez, Mohammad Khalid]. PubMed PMID: 23053935.

35: Alam MA, Ali R, Al-Jenoobi FI, Al-Mohizea AM. Solid dispersions: a strategy for poorly aqueous soluble drugs and technology updates. *Expert Opin Drug Deliv.* 2012 Nov; 9(11):1419-40. doi: 10.1517/17425247.2012.732064. Epub 2012 Oct 8. Review. PubMed PMID: 23043303.

- 36: Al-Jenoobi FI, Alkharfy KM, Alghamdi AM, Bagulb KM, Al-Mohizea AM, Al-Muhsen S, Halwani R, Parvez MK, Al-Dosari MS. CYP2C19 genetic polymorphism in Saudi Arabians. *Basic Clin Pharmacol Toxicol*. 2013 Jan;112(1):50-4. doi: 10.1111/j.1742-7843.2012.00919.x. Epub 2012 Jul 27. PubMed PMID: 22747643.
- 37: Alam MA, Al-Jenoobi FI, Al-Mohizea AM. Everted gut sac model as a tool in pharmaceutical research: limitations and applications. *J Pharm Pharmacol*. 2012 Mar;64(3):326-36. doi: 10.1111/j.2042-7158.2011.01391.x. Epub 2011 Nov 10. Review. PubMed PMID: 22309264.
- 38: Al-Jenoobi FI. Effect of itraconazole on the pharmacokinetics of diclofenac in beagle dogs. *Sci Pharm*. 2010;78(3):465-71. doi: 10.3797/scipharm.1003-10. Epub 2010 May 19. PubMed PMID: 21179359; PubMed Central PMCID: PMC3002807.
- 39: Al-Jenoobi FI. Effects of some commonly used Saudi folk herbal medications on the metabolic activity of CYP2C9 in human liver microsomes. *Saudi Pharm J*. 2010 Jul;18(3):167-71. doi: 10.1016/j.jsps.2010.05.008. Epub 2010 May 31. PubMed PMID: 23964176; PubMed Central PMCID: PMC3730980.
- 40: Al-Jenoobi FI, Al-Thukair AA, Abbas FA, Ansari MJ, Alkharfy KM, Al-Mohizea AM, Al-Suwayeh SA, Jamil S. Effect of black seed on dextromethorphan O- and N-demethylation in human liver microsomes and healthy human subjects. *Drug Metab Lett*. 2010 Jan;4(1):51-5. PubMed PMID: 20201775.
- 41: Al-Mohizea AM, Ahmed MO, Al-jenoobi FI, Mahrous GM, Abdel-Rahman AA. Formulation and evaluation of dried yeast tablets using different techniques. *Eur J Pharm Biopharm*. 2007 Aug;67(1):253-9. Epub 2006 Dec 23. PubMed PMID: 17270410.
- 42: Ibrahim M. El-Bagory, Ehab A. Hosny, Saleh A. Al-Suwayeh, Gamal M. Mahrous and Fahad I. Al-Jenoobi, Effects of sphere size, polymer: drug ratio and plasticizer concentration on the release of theophylline from ethylcellulose microspheres. *Saudi Pharmaceutical Journal*., 15:3-4, 213-217, (2007)
- 43: A.M. Al-Mohizea, I.M. El-Bagory, I.A. Alsarra, F.I. Al-Jenoobi, M.A. Bayomi, Effect of gamma radiation on the physicochemical properties of ciprofloxacin in solid state. *J. DRUG DEL. SCI. TECH*. 2007, 17 (1).
- 44: El-Kamel A, Al-Dosari H, Al-Jenoobi F. Environmentally responsive ophthalmic gel formulation of carteolol hydrochloride. *Drug Deliv*. 2006 Jan-Feb;13(1):55-9. PubMed PMID: 16401594.
- 45: Hosny EA, El-Bagory IM, Al-Jenoobi FI. Effect of different gamma radiation doses on solid crystalline insulin: hypoglycaemia in diabetic beagle dogs. *Boll Chim Farm*. 2002 Nov-Dec;141(6):466-70. PubMed PMID: 12577519.
- 46: Hosny EA, El-Bagory IM, Al-Jenoobi FI. Enteric-coated insulin capsules: a

combination with or a replacement of oral hypoglycaemic drugs. *Boll Chim Farm.* 2002 Sep-Oct;141(5):379-84. PubMed PMID: 12481381.

47: Mansour MA, Al-jenoobi FI, Al-Suwayeh SA, Al-Majed AA, Al-Shabanah OA. Formation of leukotrienes from calcium ionophore-A23187 stimulated rabbit, rat and mouse white blood cells. *Scientia Pharmaceutica* 2002; 70, 233-43.